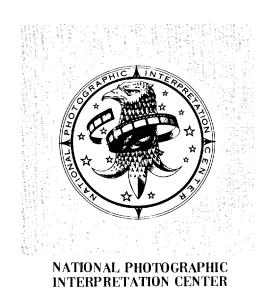
## Approved For Release 2000/04/17 : CIA-RDP78T04562A000600010005ECRET





PHOTOGRAPHIC INTERPRETATION REPORT

# KH-4 MISSION IIIO IPIR NUMBER 2

MISSION IIIO-I OAK PART II 21-31 MAY 1970

Handle via Talent-Keyhole Channels Only

TOP SECRET

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JUNE 1970
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17 PAGES

OAK-102/70

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#### WARNING

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793 and 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive information in the designated control channels. Its security must be maintained in accordance with regulations pertaining to TALENT-KEYHOLE Control System.

# TARGET CATEGORIES AND ASSOCIATED NTP FUNCTIONAL AREAS (CODES)

1. STRATEGIC SSM

Deployed Strategic SSM Facilities (A)

2. MISSILE RANGES

Missile Ranges: Strategic SSM/Space Facilities (P)

Missile Ranges: Air- Launched Missile Facilities (Q)

Missile Ranges: Naval-Launched Missile Facilities (R)

Missile Ranges: Tactical SSM Facilities (S)
Missile Ranges: SAM/AMM Facilities (T)

3. AIR DEFENSE MISSILES

Deployed AMM Facilities (B)

Deployed SAM Facilities (D)

4. ELECTRONICS/COMMUNICATIONS

Deployed Communication/Electronic/Radar Facilities (C)

5. AIR

Air Base Facilities (E)

6. NAVAL

Naval Base Facilities (F)

7. GROUND

Ground Force Facilities (G)

8. TACTICAL SSM

Deployed Tactical SSM Facilities (H)

9. LOGISTICS

Military Logistics Facilities (K)

10. NUCLEAR ENERGY

Atomic Energy Facilities (0)

11. CBR

CBR Facilities (V)

12. INDUSTRY

Strategic Weapons Industrial Facilities (J)

General Purpose Weapons Industrial Facilities (L)

Non -Military Industrial Facilities (N)

Communication/Electronic/Radar R&D Facilities (U)

13. MISCELLANEOUS

Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z)

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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TCS-20217/70 - IPIR & KH-4 MISSION 1110-1

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Control System Only
TCS-20217/70 - IPIR 2
KH-4 MISSION 1110-1

PREFACE

### PREFACE

THIS IS THE SECOND OAK REPORT ON MISSION 1110-1. FOR COMPLETE PREFACE SEE OAK PART 1, 1110-1,

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TCS-20217/70 - IPIR 2

KH-4 MISSION 1110-1

HIGHLIGHTS

### MISSION HIGHLIGHTS

USSR

MISSILE ACTIVITY

1. TWO TYPE IIID LAUNCH SITES ARE NEWLY IDENTIFIED IN EXISTING LAUNCH GROUPS AT THE PERVOMAYSK IRBM COMPLEX. LAUNCH SITE 59 IS IN LAUNCH GROUP C AND LAUNCH SITE 60 IS IN LAUNCH GROUP E.

CHINA

AIRCRAFT ACTIVITY

2. TWELVE BADGER (TU-16) MEDIUM JET BOMBERS WERE SEEN IN CHINA ON THE SAME PHOTOGRAPHIC PASS, EIGHT AT WUKUNG AIRFIELD AND FOUR AT HSIAN AIRFRAME PLANT YEN-LIANG 172
THIS IS THE HIGHEST COUNT OF BADGER OBSERVED IN CHINA.

25X1A

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TCS-20217/70 - IPIR KH-4 MISSION 1110-1

CHINA, COMMUNIST INDUSTRY

#### SIGNIFICANT RESULTS

25X1D

25X1D

25X1D

HSI-AN AIRFRAME PLT YEN-LIANG 172

34-38-N 109-13-

STATUS: OPERATIONAL

25X1A

25X1A

**REMARKS:** 

THE STEEL FRAMEWORK FOR THE LARGE CHECKOUT HANGAR WAS BEING ERECTED IN THE AIRCRAFT TEST AREA ON THE EAST SIDE OF THE A NEW BUILDING HAS BEEN CONSTRUCTED NORTH OF THE CHECKOUT HANGAR UNDER CONSTRUCTION AND A BUILDING EAST OF THE FOUR SMALL SUPPORT-TYPE HANGAR WAS RECENTLY COMPLETED. BUILDINGS WERE UNDER CONSTRUCTION IN THE PLANT AREA AND TWO SMALL SUPPORT-TYPE BUILDINGS WERE RECENTLY COMPLETED. TAXIWAY AT THE EAST END OF THE FINAL ASSEMBLY HALL WAS DISRUPTED BY THE INITIAL STAGES OF CONSTRUCTION OF A LARGE PROBABLE ASSEMBLY BUILDING. FOUR BADGER AIRCRAFT WERE IDENTIFIED ON THE HARDSTAND ADJACENT TO THE CHECKOUT HANGAR IN THE EIGHT BADGER IDENTIFIED AT

25X1A

THE SW CORNER OF THE PLANT. PLUS THE FOUR AT PLANT 172 IS WU-KUNG AIRFIELD THE LARGEST NUMBER OF BADGER IDENTIFIED IN CHINA,

(SEE ATTACHMENT)

25X1D

ASSOCIATED OBJECTS:

4 BADGER

2 COLT

1 BEAGLE

2 POSS CREEK

11 DELTA/SWEPT-WING (AT

1 POSS HOUND

LEAST)

25X1D

25X1D

25X1D

WU-KUNG AFLD

25X1A

34-16-N 108-15-

STATUS: OPERATIONAL

25X1A

25X1D

REMARKS:

THE EIGHT BADGER OBSERVED HERE PLUS THE FOUR BADGER OBSERVED AT HSI-AN AIRFRAME PLANT YEN-LIANG 172 IS THE LARGEST BADGER COUNT EVER OBSERVED IN CHINA. 25X1A

# Handle Violet For Release 2000 TOP1 SECRET RESET 8T04562A000600010006-6 Control System Only

TCS-20217/70 - IPIR 2 KH-4 MISSION 1110-1 CHINA, COMMUNIST INDUSTRY

(SEE ATTACHMENT)

25X1D

ASSOCIATED OBJECTS:

8 BADGER

6 BEAGLE

9 BULL

2 COLT

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TCS-20217/70 - IPIR 2 KH-4 MISSION 1110-1

SOVIET UNION DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

KOZELSK ICBM COMPLEX

25X1A

25X1D

25X1D

53-51-N 035-45-

25X1A

STATUS: OPERATIONAL

REMARKS:

SIXTY-SEVEN OF THE KNOWN 110 SS-11 LAUNCH SITES, THE FIVE SS-8 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, THE RAIL-TO-ROAD TRANSFER POINT, THE HEADQUARTERS COMMAND AND CONTROL FACILITY. AND THE TRAINING SITE WERE OBSERVED. NO NEW MISSILE ACTIVITY OBSERVED.

25X1D

25X1D

25X1D

KREMOVO MRBM COMPLEX

25X1A

25X1D

25X1D

44-00-N 132-23-

25X1A

STATUS: OPERATIONAL

REMARKS:

ALL ELEMENTS OF THE COMPLEX WERE OBSERVED. AT KREMOVO SCALEBOARD LAUNCH SITE 3, THE SHORT ACCESS ROAD TO THE SITE WAS CLEARLY VISIBLE. HOWEVER, NEITHER THE LAUNCH POSITIONS NOR THE CIRCULAR RING ROAD WERE DISCERNIBLE AND MAY BE OVERGROWN WITH VEGETATION. NO NEW SILO CONSTRUCTION OBSERVED.

Handle Via Approved For Release 2000/JAP7SECRER DN978-T04562A000600010006-6 Control System Only TCS-20217/70 - IPIR SOVIET UNION KH-4 MISSION 1110-1 DEPLOYED STRATEGIC SSM FACILITIES 25X1D 25X1D MUKACHEVO MRBM COMPLEX 25X1A 25X1D 48-19-N 022-33-EΕ NAC STATUS: UNKNOWN REMARKS: LAUNCH SITE 2 WAS OBSERVED. LAUNCH SITE 1 WAS IDENTIFIED ONLY. NO SILO CONSTRUCTION OBSERVED. 25X1D 25X1D 25X1D 25X1A OMSK ICBM COMPLEX 25X1D 55-07-N 073-33-STATUS: OPERATIONAL 25X1A REMARKS: ALL COMPONENTS OF THE COMPLEX WERE OBSERVED. NO NEW MISSILE ACTIVITY OBSERVED. 25X1D 25X1D 25X1D 25X1A PERVOMAYSK IRBM COMPLEX 25X1D 47-58-N 030<del>-</del>56-STATUS: OPERATIONAL 25X1A REMARKS: TWENTY-FOUR TYPE IIID LAUNCH SITES, TWO NEWLY IDENTIFIED TYPE IIID LAUNCH SITES, 59C AND 60E, AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. DATA FOR THE NEW LAUNCH SITES --LAUNCH GEOGRAPHIC CONST NOT FIRST SITE COORDINATES STAGE PRESENT SEEN 59C 4822 N 3034 LATE 25X1D 60E 4822 N 3119 EARLY 25X1D 25X1D

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Control System Only TCS-20217/70 - IPIR SOVIET UNION KH-4 MISSION 1110-1 DEPLOYED STRATEGIC SSM FACILITIES PHOTOGRAPHIC REFERENCES FOR THE NEW SITES --LS 590 LS 60E 25X1D 25X1D 25X1D 25X1D 25X1A SVOBODNYY ICBM COMPLEX 51-52-N 128-16 25X1D STATUS: OPERATIONAL 25X1A REMARKS: THIRTY-ONE OF THE 60 SS-11 LAUNCH SITES, FIVE OF THE EIGHT SS-7 25X2 LAUNCH SITES, AND WERE OBSERVED. SS-11 LAUNCH SITE 9 AND THE RAIL-TO-ROAD TRANSFER POINT WERE IDENTIFIED ONLY. NO NEW MISSILE ACTIVITY OBSERVED. 25X1D 25X1D 25X1D 25X1A TEYKOVO ICBM COMPLEX 25X1D 56-55-N 040-30-STATUS: OPERATIONAL 25X1A REMARKS: SIX SS-11 SINGLE-SILO LAUNCH SITES WERE OBSERVED. NO NEW MISSILE ACTIVITY OBSERVED. 25X1D

Approximate For Release 2000/04017 \$ [6] REFERENCE TO 4562 A 0 0 0 6 0 0 1 0 0 0 6 - 6

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TCS-20217/70 - IPIR KH-4 MISSION 1110-1

SOVIET UNION MISSILE RANGES

SIGNIFICANT RESULTS

25X1D

NENOKSA MISSILE TEST CENTER 25X1A

64-38-N 039-11-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL ELEMENTS OF THE MISSILE TEST CENTER WERE VISIBLE. SIGNIFICANT CHANGES OBSERVED.

25X1D

25X1D

PLESETSK MISSILE AND SPACE CENTER

25X1D 25X1D

N 040-37 62-56-

25X1D

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

THE MAIN SUPPORT BASE WAS OBSERVED. NO NEW MISSILE ACTIVITY

OBSERVED.

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TCS-20217/70 - IPIR 2 KH-4 MISSION 1110-1

SOVIET UNION AIR BASE FACILITIES

SIGNIFICANT RESULTS 25X1D 25X1D 25X1D BARANOVICHI AIRFIELD 25X1A53-05-N 026-02-E NAC STATUS: OPERATIONAL REMARKS: THE THREE PREVIOUSLY REPORTED HANGARETTES HAVE BEEN COMPLETED. AIR ORDER OF BATTLE: 36 BLINDER 9 PROB BREWER 4 BADGER 29 SMALL SWEPT/DELTA-WING 25X1D 25X1D 25X1D MINSK/MACHULISHCHE AIRFIELD 25X1D 25X1A53-46-027-34-NAC STATUS: OPERATIONAL AIR ORDER OF BATTLE: 32 BLINDER 1 CRATE 35 SMALL SWEPT/DELTA-WING 2 CAB 3 CAT/CUB 2 PROB HELICOPTERS ASSOCIATED OBJECTS: 2 KITCHEN ASM 3 POSS KITCHEN ASM 25X1D 25X1D 25X1D UZIN/CHEPELEVKA AIRFIELD 25X1A49-47- N 030-26-25X1D NAC STATUS: OCCUPIED AIR ORDER OF BATTLE: 36 BEAR 3 CAT/CUB/CAMP

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TCS-20217/70 - IPIR 2 KH-4 MISSION 1110-1

SOVIET UNION AIR BASE FACILITIES

ASSOCIATED OBJECTS: 25 POSS KANGAROO ASM (AT LEAST)

25X1D

25X1D ZHITOMIR/SKOMOROKHI AIRFIELD 25X1A

25X1D 25X1D 50-09 N 028-44-E

STATUS: OCCUPIED

25X1A

REMARKS:

TWENTY-FOUR NEW REVETTED HARDSTANDS HAVE BEEN CONSTRUCTED, 12 OFF THE TAXIWAY AT THE SE END OF THE RUNWAY AND 12 OFF THE TAXIWAY NORTH OF THE NW END OF THE RUNWAY. A BUILDING WAS UNDER CONSTRUCTION ACROSS THE TAXIWAY FROM BI-PROPELLANT STORAGE ON

AIR ORDER OF BATTLE: 33 PROB BLINDER 27 LARGE SWEPT-WING

3 LARGE STRAIGHT-WING 40 SMALL DELTA/SWEPT-WING

25X1D

# Handle Via Tan Disputed For Release 2000 10471 FEGINT RD F78T04562A000600010006-6 Control System Only

TCS-20217/70 - IPIR 2 KH-4 MISSION 1110-1

UNDERWAY NE OF BASE)

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

SOVIET UNION NAVAL BASE FACILITIES

SIGNIFICANT RESULTS 25X1D 25X1D 25X1A<sub>+2-53-</sub>N 132-21-7E DUNAY SUB BASE A SHPYD RAZBOYNIK BAY NAC STATUS: OPERATIONAL NAVAL ORDER OF BATTLE: 1 UNIDENTIFIED SS IN 1 POSS POTI PC FLOATING DOCK 1 MEDIUM COMBATANT 1 SS (AT PIER) 5 UNIDENTIFIED AUXILIARIES 1 PROB KRUPNYY AG 2 LARGE SS (AT PIER) 2 POSS YAGT (IN BAY) 1 KRUPNYY AG 1 EMPTY FLOATING DOCK 7 UNIDENTIFIED AUXILIARIES 25X1D 25X1D 25X1A 42-51-N 132-21 DUNAY SUB BASE KONYUSHKOVA BAY NAC STATUS: OPERATIONAL NAVAL ORDER OF BATTLE: 1 MEDIUM SS (UNDERWAY NE OF 3 POSS SS (AT PIERS) BASE) 5 UNIDENTIFIED SS (1 1 POSS SS (AT PIER)

6 UNIDENTIFIED VESSELS

### Control System Only TCS-20217/70 - IPIR 2 SOVIET UNION KH-4 MISSION 1110-1 NAVAL BASE FACILITIES 25X1D 25X1D 25X1D IOKANGA NAVAL BASE + SHIP REPAIR YARD NAC STATUS: OPERATIONAL NAVAL ORDER OF BATTLE: 3 PROB N SSN 1 POSS ASL 1 POSS N SSN (IN DRYDOCK) 1 AUXILIARY 1 CARGO-TYPE VESSEL 3 MEDIUM SS 1 POSS MEDIUM SS 1 CARGO BARGE 1 POSS PC 10 SMALL VESSELS 1 POSS AEM 25X1D 25X1D 25X1A 69-12-POLYARNYY SUBMARINE BASE I 033-27-NAC STATUS: OPERATIONAL NAVAL ORDER OF BATTLE: 14 MEDIUM SS 2 POSS MHC 1 POSS SS 1 AR 2 PC 2 AUXILIARIES 4 POSS PCE 1 SMALL TRANSPORTER DOCK

25X1D

25X1D

25X1D

25X1D

25X1D

SAYDA GUBA SUBMARINE BASE NAC

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE: 8 Y SSBN

1 POSS OSS

1 YR

6 SMALL VESSELS

25X1A<sub>69-15</sub>-

25X1D

N 033-19

25X1D

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### Control System Only TCS-20217/70 - IPIR 2 SOVIET UNION KH-4 MISSION 1110-1 NAVAL BASE FACILITIES 1 POSS AR 2 FLOATING CRANES 2 BOLVA APL 25X1D 25X1D 25X1A 42-52-STRELOK ST SUB BASE PAVLOVSKOGO BAY N 132-31 NAC STATUS: OPERATIONAL NAVAL ORDER OF BATTLE: 2 UNIDENTIFIED LARGE SS 1 PROB Y SSBN (AT PIER) 1 POSS E SSGN (IN BAY) 10 UNIDENTIFIED AUXILIARIES 1 Y SSBN (AT PIER) 1 LARGE SS (AT PIER) 10 UNIDENTIFIED AUXILIARIES 1 POSS E SSGN (IN BAY) 1 E-I SSN (AT PIER) 1 FLOATING CRANE 25X1D 25X1D 25X1A43-06 131-55-E VLADIVOSTOK NAVAL BASE + SHIPYARD 202 NAC STATUS: OPERATIONAL NAVAL ORDER OF BATTLE: 4 MEDIUM SS 7 PROB DD 4 PROB MEDIUM SS 25 PROB COMBATANTS 1 0SS 25 UNIDENTIFIED VESSELS 2 CL 1 TRANSPORTER DOCK 1 CL (IN FLOATING DRYDOCK)

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

# Handle Via Apple Office of Release 2000 10 13 ECONTROLF 8T04562A000600010006-6 Control System Only

TCS-20217/70 - IPIR 2 KH-4 MISSION 1110-1 SOVIET UNION NAVAL BASE FACILITIES

25X1D 25X1D 25X1A 43-05-N 131-54-VLADIVOSTOK NVL BASE A RPR YD DIOMID 25X1D NAC STATUS: OPERATIONAL NAVAL ORDER OF BATTLE: 2 MEDIUM SS 12 UNIDENTIFIED VESSELS 1 UNIDENTIFIED COMBATANT 25X1D 25X1D 25X1D 25X1A 43-04-VLADIVOSTOK SUBMARINE BASE ULISA BAY 25X1D NAC STATUS: OPERATIONAL NAVAL ORDER OF BATTLE: 25X1D -- AT SUBMARINE BASE 1 UNIDENTIFIED SMALL VESSEL 2 MEDIUM SS 25X1D -- AT BYSTRY SHIPYARD 1 POSS DO 1 PROB PC 25X1D

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TCS-20217/70 - IPIR 2 KH-4 MISSION 1110-1 SOVIET UNION INDUSTRY

25X1D

### SIGNIFICANT RESULTS

25X1D 25X1D

PETROVKA NAVAL BASE + SHIPYARD

25X1A

25X1A

25X1A

STATUS: OPERATIONAL

REMARKS:

25X1D

25X1D

THE REPAIRWAY SHED AND THE LARGE BUILDING IN THE NORTH QUAY AREA REMAINED UNDER CONSTRUCTION.

NAVAL ORDER OF BATTLE:

1 E-II SSGN (ON REPAIRWAYS)

1 E-I SSGN (ON REPAIRWAYS)

1 PROB E-I SSGN (IN TRANSPORTER DOCK)

1 N SSN (ON REPAIRWAYS)

2 LARGE SS

1 DD

1 PROB ZEYA YRSN

1 AUXILIARY

1 TRANSPORTER DOCK

20 UNIDENTIFIED SMALL

VESSELS

25X1D

### OTHER RESULTS-NO APPARENT CHANGE

PETROVKA NUC SUB SUPP FAC 25X1A 43-07-11 132-20-

STATUS: OPERATIONAL

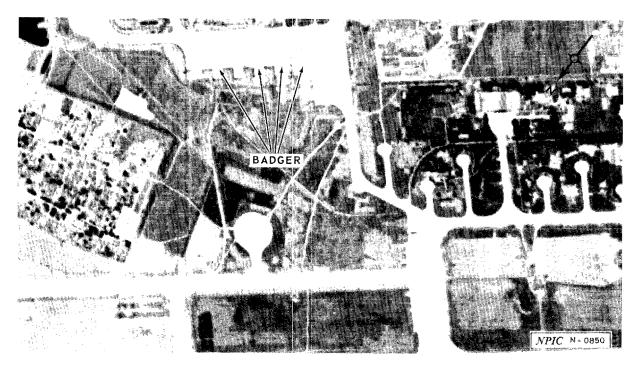
NAVAL ORDER OF BATTLE: NONE DISCERNIBLE

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**Attachments** 

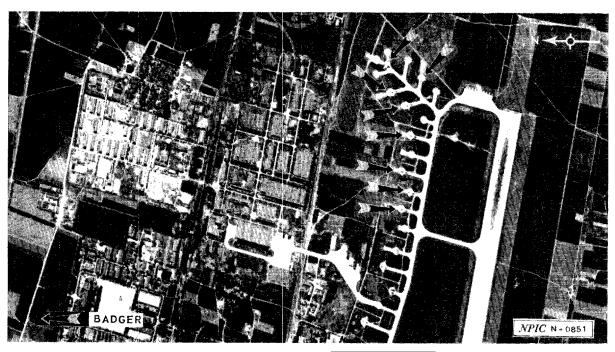
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ATTACHMENT I



HSI-AN AIRERAME PLANT YEN-LIANG 172, CHINA

25X1A



WU-KUNG AIRFIELD, CHINA

25X1A

